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(54) Title: NUCLEIC ACID SEQUENCES ENCODING PROTEINS ASSOCIATED WITH ABIOTIC STRESS RESPONSE

(57) **Abstract:** The present invention pertains transgenic plant cells and mature plants comprising Oxidoreductase Stress Related Proteins (ORSRP) resulting in increased tolerance and/or resistance to environmental stress as compared to non-transformed wild type cells and methods of producing such plant cells or plants. Further object of the present invention are isolated ORSRPs or ORSRP encoding nucleic acids from plants.

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